

KYDYMOV, M., nauchnyy setrudnik; BATYRCHAYEV, I.; LOPINA-SHENDRIK, M.D.; KALBAYEV, A.; IMAMAKUNOV, B.; SULAYMANKULOV, K., kand.khim.nauk; DUVSHINALIYEVA, N.; AKBAYEV, A.; KAZIYEV, I.; GOLOVIN, F.I.; BAKASOVA, Z.; KOVALENOK, Z.P.; SDELUKHINA, N.P.; BUGUBAYEV, A.B., starshiy prepodavatel'; BAYBULATOV, B.B., mladshiy nauchnyy setrudnik; FILIPPOV, M.A., mladshiy nauchnyy setrudnik; MAMBETAKUNOV, T., aspirant; IMAMKULOV, A., aspirant; TURMANGETOV, S., mladshiy nauchnyy setrudnik; MUKHAMEDZIYEV, M.M., nauchnyy setrudnik; KOMURGAYEV, A.O.; PAK, L.V.; HUDAKOV, O.L.; TOKTOSUNOV, A.; KULAKOVA, R.I.; ASHIRAKHMANOV, Sh., aspirant; ALYSHEBAYEV, B.; SUITANALIYEV, A.; AKHMETOV, K.; POLOHOVA, A.P.; NIKITINSKIY, Yu.I.; SHAMBUTOV, S.Sh.; DZHUMBAYEV, B.O., nauchnyy setrudnik; DEMZHININ, I.G., red.; ANOKHINA, M.G., tekhn.red.

[Papers by junior scientists of the Academy of Sciences of the Kirghiz S.S.R.] Trudy metodicheskikh nauchnykh rabotnikov AN Kirgisskoi SSR. Frunze, 1958. 411 p. (MIRA 12:3)

(Continued on next card)

KYDYNOV, M.----(continued) Card 2.

1. Akademiya nauk Kirgizskoy SSR, Frunze. 2. Institut khimii AN Kirg.SSR (for Kydynov). 3. Kirgizskiy gosudarstvennyy universitet (for Bugubayev). 4. Institut geologii AN Kirg.SSR (for Baybulatov). 5. Institut vedenogo khozyaystva i energetiki AN Kirg.SSR (for Filippov). 6. Otdel fiziki i matematiki AN Kirg.SSR (for Mametakunov, Imankulev). 7. Institut zoologii i parazitologii AN Kirg.SSR (for Turmambetov). 8. Kirgizskiy meditsinskiy institut (for Mukhamedziyev). 9. Otdel psichovedeniya AN Kirg.SSR (Ashirakhmanov). 10. Institut botaniki AN Kirg.SSR (for Alyshbayev, Sultanaliyev, Akhmetov, Polenova, Nikitinskiy). 11. Institut istorii AN Kirg.SSR (for Dzhumbayev).
(Science--Collections)

GOLOVIN, N. I.

Thermodynamic constant of the first stage of hydrogen sulfide
dissociation in aqueous solutions at different temperatures.
Gidrokhim.mat. 29:179-194 '59. (MIRA 13:5)

1. Fiziko-khimicheskaya Laboratoriya Nauchno-issledovatel'skogo
instituta revmatizma, Sochi.
(Hydrogen sulfide)

GOLOVIN, G., sotsushennyy agronom RSFSR

Review of the book "Soils, fertilisers, and crop yields."
Zemledelie 26 no.1:92-96 Ja'64. (MIRA 17:5)

BULGAKOV, B.A.; NIKOLAEV, V.V.; SOKOLOV, D.A.; GOLOVIN, G., red.;
PETERSON, A., tekhn. red.

[Repair and reconstruction of quays in the city of Riga]
Vosstanovlenie i rekonstruktsiya rishskikh gorodskikh na-
beresknykh. Riga, Izd-vo AN Latv.SSR, 1952. 109 p.

(MIRA 16:6)

(Riga—Wharves)

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CIA-RDP86-00513R000515820001-9

GOLOVIN, G.A.

VORONOV, A.Kh.; GOLOVIN, G.A.

Planned automotive transportation. Strol. prom. 35 no. 5r42 My '57.
(Transportation, Automotive) (MIRA 10:6)

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515820001-9"

GOLOVIN, G. F.

PHASE I TREASURE ISLAND BIBLIOGRAPHICAL REPORT AID 346 - I

BOOK

Author: GOLOVIN, G. F.

Call No.: TN672.V8

Full Title: STRUCTURAL TRANSFORMATION IN CARBON STEEL ON INDUCTION
HEATING

Transliterated Title: Strukturnyye prevrashcheniya v uglerodistoy
stali pri induktsionnom nagreve

Publishing Data

Originating Agency: All-Union Scientific Engineering and Technical
Society of Machine Builders. Urals Branch

Publishing House: State Scientific and Technical Publishing House
of Machine Building Literature ("Mashgiz")

Date: 1950 No. pp.: 11 No. of copies: 3,000

Text Data

This is an article from the book: VSESOYUZNOYE NAUCHNOYE INZHENERNO-
TEKHNICHESKOYE OBSHCHESTVO MASHINOSTROITEL'Y. URAL'SKOYE OTDELENIYE,
THERMAL TREATMENT OF METALS - Symposium of Conference (Termicheskaya
obrabotka metallov, materialy konferentsii) (p. 144-154), see AID 223-II

Coverage: The advantages of the induction method of heating are
explained as rapidity of heating (fraction of second),
uniformity of temperature, and precision and convenience
of control.

1/3

Strukturnyye prevrashcheniya v uglerodistoy
stali pri induktsionnom nagreve

AID 346 - I

The discussion of the structural transformation consists of two major parts: (1) Transformation of pearlite to austenite, and (2) transformation of ferrite to preeutectoid steel. In both cases the effect of velocity of heating is analysed. In contrast with earlier investigations in salt baths and at a constant rate of electric heating, the author introduces new method of heating by high frequency magnetic field inductor. The test data recorded by the thermocouple and oscillograph were used for study of the kinetics of the pearlite transformation.

Metallographic study indicates that transformation of pearlite to austenite proceeds with diffusion. Therefore the velocity of the process at a definite degree of dispersion of the phases depends upon the velocity of diffusion of carbon into iron which depends in turn upon the temperature. The study of the eutectoid steel with coarse plastic pearlite indicates existence of the two steps in the temperature curve, the second of which is related to magnetic transformation of not-yet transformed ferrite.

2/3

Strukturnyye prevrashcheniya v uglerodistoy
stali pri induktsionnom nagreve

AID 346 - I

The author also studied the mechanism of transformation of free ferrite in the pre-eutectoid steel at high velocity of heating and the basic lines corresponding to the allotropic transformation of iron to at different velocities. The criterion of similarity, developed by Prof. V. P. Vologdin for transformation of ferrite to austenite by diffusion at constant temperature, is also applied by the author to the processes occurring during rapid increase of temperature. The author introduces a new mathematical relationship between the tempering temperature and the rate of heating. In simplification of the solution of this problem, the author offers a graphical representation of the new equation. The correlation of the results obtained by mathematical computation and those obtained experimentally is illustrated in the phase diagram shown in fig. 6, page 151. One diagram and 6 charts.

Purpose: For scientific workers

Facilities: None

No. of Russian and Slavic References: None

Available: Library of Congress.

3/3

GOLOVIN, G.F.
PHASE I

TREASURE ISLAND LIBRARY LOCAL REPORT AID 347 - I

BOOK

Author: GOLOVIN, G.F. and ZA YATIN, M.M.

Call No.: TM672.V8

Full Title: "SIGNIFICANCE OF THERMAL FACTORS IN STUDY OF TRANSFORMATIONS IN STEELS

Transliterated Title: "Kak' teplovyykh faktorov v izuchenii perekreshchenii v stali"

Publishing Data

Originating Agency: All-Union Scientific Engineering and Technical Society of Machine Building, Urals Branch

Publishing House: State Scientific and Technical Publishing House of Machine Building Literature ("Mashgiz")

Date: 1950

No. of pp.: 11

No. of copies: 3,000

Text Data

This is an article from the book: VSEI TUKH VZ NARODNAY TECNICHESKOY KHOZYAISTVO V A HEMISTRIAL'Y. URAL' S VY OBLAST'YE, THERMAL TREATMENT OF METALS - by podium of Conference (Tvericheskaya obrabotka metallov, materialy konferentsii) (p.195-1 5), see AID 223 - II

Coverage: The significance of the velocity of transformation at heating and cooling in the development of the theory of heat treatment is discussed. In review of the Soviet and other literature related to the experimental results, the authors especially note that the conditions for heat transmission have not been considered. The authors apply computation for heat

Rol' teplowych faktorov v izuchenii prevarashcheniy
v stali

AID 347 - I

generation and absorbtion during the process of transformation and present his analysis with 6 charts. Experimental results indicate the important significance of the factors of heat transmission on the duration of transformation by heating. The similar problem in the transformation by cooling is under investigation.

The comparison of calculated results and experimental data lead to the conclusion that the velocity of transformation measured during heating or cooling in the liquid bath is not the actual velocity. The correct result can be obtained only in cases when the duration of the inert period and transformation period is considerably longer than that of the heating and cooling periods.

Purpose: For scientific workers

Facilities: None

No. of Russian and Slavic References: 9 (1925-1950)

Available: Library of Congress.

2/2

GOLOVIN, G. F.

166170

Chem/Metals - Testing, Equipment

JUL 20

"Application of the Oscillograph for Temperature Recording in the Process of Induction Heating of Steel," G. F. Golovin, B. A. Katansky, Sci Res Inst for Industrial Application of HF Currents

"Zavod Lab" Vol XVI, No 7, pp 886-887

Describes experiment for employing loop oscillograph in investigations of critical points of steel during rapid heating. Oscillograph recorded readings of thermocouple welded to specimen under investigation. Used miniature magnetoelectric microammeter somewhat modified as a loop of the

166170

Chem/Metals - Testing, Equipment (Contd) JUL 59

Oscillograph. Analysis of oscillograms obtained by this instrument proved satisfactory accuracy of measurements.

166170

GOLOVIN, G.Y.

Phase transformations in carbon steel during induction heating.
[Isdaniia] DOKLADY no.30:269-270 '52. (MLRA 8:1)
(Steel--Heat treatment)

GOLOVIN, O.P.; YOGELIA, A.A., kandidat tekhnicheskikh nauk, redaktor;
RENTALIN, M.M., kandidat tekhnicheskikh nauk, retsenzent;
SOKOLOVA, L.V., tekhnicheskiy redaktor.

[Structure and properties of steel products tempered by high frequency heating] Struktura i svoistva stal'nykh izdelii, zakalennykh pri vysokochastotnom nagreve. Pod red. A.A.Yogelia. Moskva, Gos. nauchno-tekh. izd-vo mashinostroit. i sudeostroi. lit-ry, 1954. 34 p. (Bibliotekha vysokochastotnika-termista, no. 4) (Induction heating) (Steel--Metallography)

(MLRA 7:11)

SLUKHOTSKIY, A.Ye.; RYSKIN, S.Ye.; SHIMELYAKOVSKIY, K.Z., kandidat
tekhnicheskikh nauk, retsensent; GOLOVIN, G.F., kandidat tekhnicheskikh
nauk, redaktor; PETERSON, N.M., tekhnicheskiy redaktor

[Inductors for induction heating of machine construction parts;
planning and manufacture] Induktory dlia induktsionnogo nagreva
mashinostroitel'nykh detalei; proektirovanie i izgotovlenie. Moskva,
Gos. nauchno-tekhn. izd-vo mashinostroit. i sudeostroit. lit-ry, 1954.
319 p.

(Induction heating) (Machinery industry)

(MLRA 7:11)

USSR/Engineering - Metallurgy

FD-1592

Card 1/1 : Pub. 41-13/18

Author : Golovin, G. F., and Mogilevskiy, Ye. P.

Title : Transformation of residual austenite in steel R9 during rapid heating

Periodical : Izv. AN SSSR. Otd. tekhn. nauk 8, 119-122, Aug 1954

Abstract : Investigates transformation of residual austenite in high speed steel, type R9 (composition C = 0.93, Si = 0.20, Mn = 0.29, Cr = 4.2, W = 9.1, V = 2.1), during rapid heating. Studied were the effects of temperature and speed of induction heating on change in hardness, amount of residual austenite and structure of quenched specimens in the tempering process. Induction temperatures ranged from 550-700°C with heating speeds of 50°/sec; 650°C with speed of 150°/sec; and 650°C with speed of 250°/sec. Photomicrographs; graphs. Two references.

Institution :

Submitted : September 12, 1954

USSR/ Metallurgy - Thermomagnetic treatment FD-1047

Card 1/1 : Pub. 153 - 18/23

Authors : Golovin, G. F., and Shekalov, A. A.

Title : Temperature of annealing in the thermo-magnetic treatment of the alloy magniko

Periodical : Zhur. tekhn. fiz., 24, 1503-1507, Aug 1954

Abstract : Conclude that thermomagnetic treatment in the temperature range 1000-1250°C cannot ensure the needed properties, which points to the erroneousness of Ya. M. Dovgalevskiy's viewpoint (ShTF, 22, No 1, 1952). Properties closest to the maximum are ensured by thermomagnetic treatment of the alloy with annealing up to 1300°, when a homogeneous solid solution is again formed. Four references, 3 USSR e.g. G. F. Golovin, et al. Tekhninformatsiya [Technical Information], Card No 205/15-206/16, 1950.

Institution : --

Submitted : 23 November 1953

GOLOVIN, G.P.; MOGILEVSKIY, Ye.P.

Using induction heating in hardening a tool made of R9 steel.
[Ind.] LOMITOMASH no.33:154-172 '54. (MIRA 8:2)
(Induction heating)

GOLOVIN, G.P., kandidat tekhnicheskikh nauk; KOTSYLO, D.A., inzhener.

Residual stresses in high-frequency induction hardening. Met. i
obr.net. no.5; 28-32 N '55. (MLR 9:3)

1. Nauchno-issledovatel'skiy institut tokov vysokoy chastoty
imeni professora V.P. Vologdina.
(Induction heating) (Electrometallurgy)

GOLOVIN, G.P.; YEVANGULOVA, Ye.P.

Determination of the depth and quality of the hardened layer
in high frequency hardening. Zav.lab. 21 no.2:190-193 '55,
(MLRA 8:6)

1. Nauchno-issledovatel'skiy institut tokov vysokoy chastoty
imeni V.P. Volegina
(Steel--Hardening)

Golovin, G.F.

GOLOVIN, G.F., kandidat tekhnicheskikh nauk; SHTAKEL'EMRO, N.I.

Second conference on high-frequency currents. Vest.mash 35
no.1:85-87 Ja'55. (MIRA 8:3)
(Electric currents)

GOLOVIN, G.F., kandidat tekhnicheskikh nauk.

Residual stresses in the seams of two hardened steel layers.
Metalloved. i obr.met. no.5:43-47 My '56. (MIRA 9:8)

I. Nauchno-issledovatel'skiy institut tokov vysokoy chasty imeni
professora V.P. Valegina.
(Steel--Heat treatment)

~~BOLOVIN, Georgiy Fedorovich; FOGEL', A.A., kandidat tehnicheskikh nauk,
redaktor; SMOGOROVSKIY, S.Z., redaktor izdatel'stva; SYCHEVA, O.V.,
tekhnicheskiy redaktor.~~

[Structure and characteristics of elements tempered for use in high
frequency heating] Struktura i svoistva izdelii, zakalennykh pri
vysokochastotnom nagreve. Izd. 2-e, ispr. i dop. Pod red. A.A. Fogelia.
Moskva, Gos. nauchno-tehn. izd-vo mashinostroit. lit-ry, 1957, 45 p.
(Biblioteka vysokochastotnika-termista, no.4). (MLRA 10:5)
(Induction heating) (Steel--Heat treatment)

Translation from: Referativnyy zhurnal. Metallurgiya, 1959, Nr 1, p 241 (USSR) SOV/137-59-1-1822

AUTHOR: Golovin, G. F.

TITLE: Residual Stresses in the Course of Zonal Surface Hardening
(Ostatochnyye napryazheniya pri zonalnoy poverkhnostnoy zakalke)

PERIODICAL: V sb.: Prom. primeneniye tokov vysokoy chastoty. Riga, 1957,
pp 109-122

ABSTRACT: An investigation by a previously applied method (RZhMet, 1956, Nr 6, abstract 5582) of the effect of various factors on the distribution of residual compressive (CS) and tensile stresses (SS) on the surfaces of cylindrical St-5 steel specimens which had been subjected to zonal surface hardening. Frequency of the current was 2.5, 8, and 250 kc; width of the hardened layer (HL) was ~30 mm. It is indicated that the thermally induced volume changes are the main factors in the distribution of CS and SS. As a rule, CS equal to ~70-130 kg/mm² exist in the HL; they decrease at its borders and at a certain distance (~10 mm) from the hardened area pass into SS with a maximum of ~5-17 kg/mm². Upon an increase in the depth of the HL within the 1.8 - 39 mm range CS increase and SS decrease, and their

Card 1/2

Residual Stresses in the Course of Zonal Surface Hardening

SOV/137-59-1-1822

rmaxima are displaced away from the layer. A difference in the initial structure of the steel has no effect on the magnitude of the residual stresses. Upon two hours' tempering at 120-360° C of specimens hardened to a depth of 4.5 mm their CS decrease along with the decrease of their hardness; SS decrease when annealing temperature >150° and pass through a minimum at the optimum annealing temperature of 200-250° which maintains the hardness and SS at a sufficiently high level. For hardening by 2 min self-tempering the optimum tempering temperature (for the heating procedure selected) was 180-220°, which corresponds to a minimum of SS. The author shows the inexpediency of the method of surface hardening with mutual butting of two hardened layers, since this would lead to the appearance of high SS (up to 75 kg/mm²) in the area affected by heat. It was established that in the zonal hardening of specimens with a hollow chamfer the most advantageous way is bringing the HL as close to the crank as possible, which causes the appearance of CS. Grinding of the specimen after the zonal hardening does not change the distribution of residual stresses. See also RZhMet, 1956, Nr 6, abstract 5582.

L. F.

Card 2/2

GOLOVIN, G.P., kandidat tekhnicheskikh nauk; POLOVNIKOV, V.V., kandidat
tekhnicheskikh nauk.

Preventing crack formation on the surfaces of crankshafts.
Avt.sj trakt.prom. no.3:35-38 Mr '57. (MLRA 10:5)

1. Nauchno-issledovatel'skiy institut tokov vysokoy chastoty.
(Cranks and crankshafts)

~~GOLOVIN, G.V.~~ kandidat tekhnicheskikh nauk; RYSKIN, S.Ye.; SHIKALOV, A.A.,
~~kandidat tekhnicheskikh nauk.~~

Centrifugal lining of bimetallic bushings with lead bronze. Avt. i
trakt. prom. no. 5:44-46 My '57. (MIRA 10:6)

1. Nauchno-issledovatel'skiy institut tokev vysokoy chastoty.
(Bearings (Machinery)) (Lead bronze)

G-OLOUIN, G. J.

४८१/६०

1. The author-illustrator recommends the P.E. Illustration
Book Series which is a 120-unit children's library. (Contemporary Authors and their
Books, Scholastic, Inc., New York, 1965, pp. 12-13) and 2000 Books
for Young People, Scholastic, Inc., New York, 1965, pp. 12-13).

This collection of 15 articles, compiled by 12 authors, aims to introduce the reader to the basic concepts of statics. The book is divided into two parts. The first part deals with the development of basic concepts of mechanics, and the second part deals with applications of statics to structures. The book is intended for students of engineering, physics, and mathematics, as well as for professionals in the industry. The book is also suitable for self-study, and it can be used as a reference for engineers and scientists.

1.000-atom Alloy and Metal Bond Strength 2.000-atom, The in Protein Adsorption of Metals for Biocatalyzed Reac- tions 3.000-atom, Infrared Data for Selecting Reagents for the Characterizing and Identification of Metal-Alloyed Particles 4.000-atom, A Method Characterizing Agents for Gas Catalyzing and Oxidizing Benzene, And, 4.000-atom, Metal Oxide, and Y.T. Liang, Properties and Structure of Metal-Alloyed Spring Metals 5.000-atom, In, 5.000-atom, Improvements in the Composition and Some Structure of Total Oxide, And, An Investigation of HfO ₂ Catalyst Metal as a Material for Catalyzing Metals 6.000-atom, New Types of High-speed Metals 7.000-atom, Modeling and Synthesis of High-speed Metals With Indium And Al	52 126 130 139 149 272 273
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Translation from: Referativnyy zhurnal Metallurgiya, 1959, Nr 1, p 242 (USSR) SOV/137-59-1-1829

AUTHOR: Golovin, G. F.

TITLE Procedure for Surface Hardening of Gears
(Protsess poverkhnostnoy zakalki shesteren)

PERIODICAL: V sb.: Materialy Soveshchaniya glavn. metallurgov z-dov i
in-tov avtomob. prom-sti. Nr 3. Moscow, 1958, pp 77-80

ABSTRACT: The NIITVCh (Scientific Research Institute for High-frequency Current) developed a method for contour surface-hardening for 4-6 module gears. The hardening equipment consists of an indicator one side of which is connected to the transformer supplying power to a low-frequency indicator (1000 cps), while the other side is supplied with a medium-frequency current. Heating by a low-frequency generator proceeds for 3-4 sec; during this time the lower part [flank] of the tooth is heated to a specific depth, together with the root-circle surface, whereupon the low-frequency heating is instantly switched off and the high-frequency heating is turned on (for 0.5 sec); this time only the top [face] of the tooth is heated. This hardening procedure produces a uniform distribution of the hardened layer to a

Card 1/2

Procedure for Surface Hardening of Gears

SOV/137-59-1-1829

specific depth along the contour of the tooth and has a high yield. ~350 kw of low-
and high-frequency current is required for treatment of gears 120 mm in diam.

A. B.

Card 2/2

GOLOVIN, Georgiy Fedorovich; ZAMYATNIK, Mikhail Mikhaylovich; LENVIN,
Ye. Ye., kand.tekhn.nauk, retezsent; MIKHAYLOV-MIKHNELEV,
P.B., doktor tekhn.nauk, red.; YASIL'YEVA, V.P., red.izd-va;
POL'SKAYA, R.G., tekhn.red.

[High-frequency heat treatment; metals and the technology of
heat treatment] Vysokokochastotnaia termicheskaiia obrabotka;
voprosy metallovedeniia i tekhnologii. Moskva, Gos.nauchno-
tekhn.izd-vo mashinostroit.lit-ry, 1959. 185 p. (MIRA 12:5)
(Steel--Heat treatment) (Induction heating)

FILINOV, Sergey Artem'yevich; FIRGER, Iosif Vladimirovich; GOLOVIN, G.P.,
kand.tekhn.nauk, red.; LITVKINA, T.L., red.izd-va; KONTOROVICH,
A.I., tekhn.red.

[Handbook for a specialist on heat treatment] Spravochnik termista.
Monkva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 239 p.
(MIRA 13:3)

(Metals--Heat treatment)

GOLOVIN, G. P., kand. tekhn. nauk; SMIRNOV, V.I., inzh.

Hardening of crankshaft journals with emergence of the hardened layer on the hollow chamber. Trudy NII TVCH no.1/2:80-93 '60
(MIRA 17:7)

S/137/52/000/002/118/1-
A060/A101

AUTHORS: Golovin, G. F., Zimin, N. V.

TITLE: Cooling capacity of certain media when using the spray feed to the surface of articles

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 2, 1962, 107. abstract 21721
(V sb. "Prom. primeneniye tokov vysokoy chastoty v elekrotermii".
Moscow-Leningrad, Mashgiz, 1961, 91 - 101)

TEXT: The cooling capacity of 20 different liquids was studied under conditions of spray cooling. The aim was to choose a medium such as would ensure conditions approaching the conditions of cooling in an oil vat. On the basis of the results of the investigation the conclusion is drawn that the most acceptable cooling medium which may be applied in spray form is the water solution of polyvinyl alcohol at a concentration of 0.05 - 0.1%. This solution ensures a moderately rapid cooling in the region of pearlitic transformation but sufficient to prevent the decomposition of the austenite in that region; simultaneously at 300°C and below the cooling rate approaches the cooling rate in oil. A tendency to

Card 1/2

Cooling capacity of certain media when...

S/137/62/000/002/118/144
A060/A101

Boiling constitutes a drawback of this liquid. NaCl solutions at a temperature up to 90°C may be recommended for hardening articles having simple shapes and fabricated from alloy steels.

A. Babayeva

[Abstracter's note: Complete translation]

Card 2/2

GOLOVIN, Georgiy Fedorovich; OKERBLOM N.O., doktor tekhn.nauk,
retsenzenty; POLOVINIKOV, V.V., kand. tekhn. nauk, red.;
ONISHCHENKO, R.N., red. izd-va; BARDINA, A.A., tekhn.
red.

[Residual stresses and deformations during high-frequency
surface hardening] Ostatochnye napriazheniya i deformatsii
pri poverkhnostnoi vysokochastotnoi zakalke. Moskva,
Mashgiz, 1962. 99 p. (MIRA 15:7)
(Induction hardening) (Thermal stresses)

GOLOVIN, G. F., kand.tekhn.nauk; YEVANGULova, Ye.P., inzh.

Hardening of gears using a two-frequency low-power electric
generator. Trudy NIITVCh no.4:55-63 (MIRA 17:7)

GOLOVIN, G. F., kand.tekhn.nauk; ZIMIN, N.V., inzh.

Study of shower-type quenching. Trudy NIITVCH no.4:70-81 '63.
(MIRA 17:7)

FILINOV, S.A.; FINGER, I.V.; GOLOVIN, G.F., doktor tekhn. nauk,
retsenzent

[Handbook on the heat treatment of metals] Spravochnik
termista. Izd.2., perer. i dop. Moskva, Izd-vo "Mashino-
stroenie," 1964. 242 p. (MIRA 17:7)

GOLOVIN, G.F., doktor tekhn. nauk, red.; DONSKOY, A.V., doktor tekhn. nauk, red.; SLUKHOTSKIY, A.Ye., kand. tekhn. nauk, red.; VOLOGDIN, V.S.V., dots., red.

[Industrial uses of high-frequency currents] Promyshlennoe primenenie tokov vysokoi ch.stoty. Moskva, Mashinostroenie 1964, 331 p. (MIRA 17:7)

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CIA-RDP86-00513R000515820001-9

YEVANGULOVKA, Ye.P.; GOLOVIN, G.F.

Induction heat treatment of reinforcement steel. Sov. In. no. 6:
538-540 Je '64. (MIRA 17:9)

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515820001-9"

ZANNES, A.N., inzh.; RUDOL'SKIY, N.L., inzh.; FRADIN, M.D., inzh.; SAPREKINA, O.R., inzh.; BIKHUNOV, L.Ya., inzh.; GLOZMAN, M.I., inzh.; Prinimalni uchastiye: DEMICHEV, A.D.; SUCHKOUSOV, V.P.; BLAGOVESHCHENSKIY, G.V.; GOLOVIN, G.F.; KAZARNOVSKIY, D.S.; RAVITSKAYA, T.M.

Surface induction hardening of rails along their whole length at the Azovstal' Plant. Stal' 24 no.8:731-734
Ag '64. (MIRA 17:9)

1. Nauchno-issledovatel'skiy institut tokov vysokoy chastoty (for Demichev, Suchkousov, Blagoveshchenskiy, Golovin).
2. Ukrainskiy nauchno-issledovatel'skiy institut metallov (for Kazarnovskiy, Ravitskaya).

GOLOVIN, G.P., doktor tekhn. nauk

Surface hardening of machine parts after induction heating.
Vest. mashinestr. 44 no.5:55-59 My 't4. (MIRA 1756)

DENICHEV, A.D.; GOLOVIN, G.P.; SHASHKIN, S.V.; DONSKOY, A.V.,
doktor tekhn. nauk prof., retsenzent; FOGEL', A.A.,
kand. tekhn. nauk, red.

[High-frequency hardening] Vysokochastotnaia zakalka.
Izd.3., ispr. i dop. Pod red. A.A.Fogelia. Moskva,
Mashinostroenie, 1965. 83 p. (MIRA 18:12)

ACC NR: A27001521

(A)

SOURCE CODE: UR/3117/65/000/006/0062/0069

AUTHORS: Golovin, S. M. (Doctor of technical sciences); Zamyatnin, N. N. (Candidate of technical sciences); Baluyeva, T. A. (Engineer)

ORG: none

TITLE: Choice of steel heating temperature during surface hardening

SOURCE: Leningrad. Nauchno-issledovatel'skiy institut tokov vysokoy chastoty. Trudy, no. 6, 1965. Primeneniye primeneniye tokov vysokoy chastoty (Industrial application of high-frequency current), 62-69

TOPIC TAGS: ^{slow} heat treatment, surface ^{hardening} treatment, austenitic steel property, high temperature effect

ABSTRACT: The effects of heating rate, total austenization time, method of heating (contact heating, electric current heating, and induction heating) and initial metal structure on the steel temperature required for surface hardening are discussed qualitatively. It is concluded that, because of the large number of variables and of the often unpredictable interaction of these variables, the best temperature can only be determined experimentally. Some methods of measuring the transient temperatures and metal structure are briefly and qualitatively discussed. A comprehensive table (supposedly based on industrial and laboratory data but not referenced) of the steel temperatures required during surface hardening of 25 different types of steel is presented. The temperatures

Card 1/2

ACC NR: AT7001521

are given for different initial heat treatments of each type of steel, for furnace heating, and also for total austempering periods of 10, 3, and 1 seconds. Orig. art. has: 1 table.

SUB CODE: 13, 11/ SUBM DATE: none/ ORIG REF: 002

Card 2/2

1. GLOVIN, G. I.,
2. USSR (600)
4. Latvia - Agriculture
7. Achievements of agricultural biology and progressive practice should be given to the great number of collective farms, Dost. sel'khoz, No. 4, 1953.

9. Monthly List of Russian Acquisitions, Library of Congress, April, 1953. Uncl.

GOL'VII, D.I.

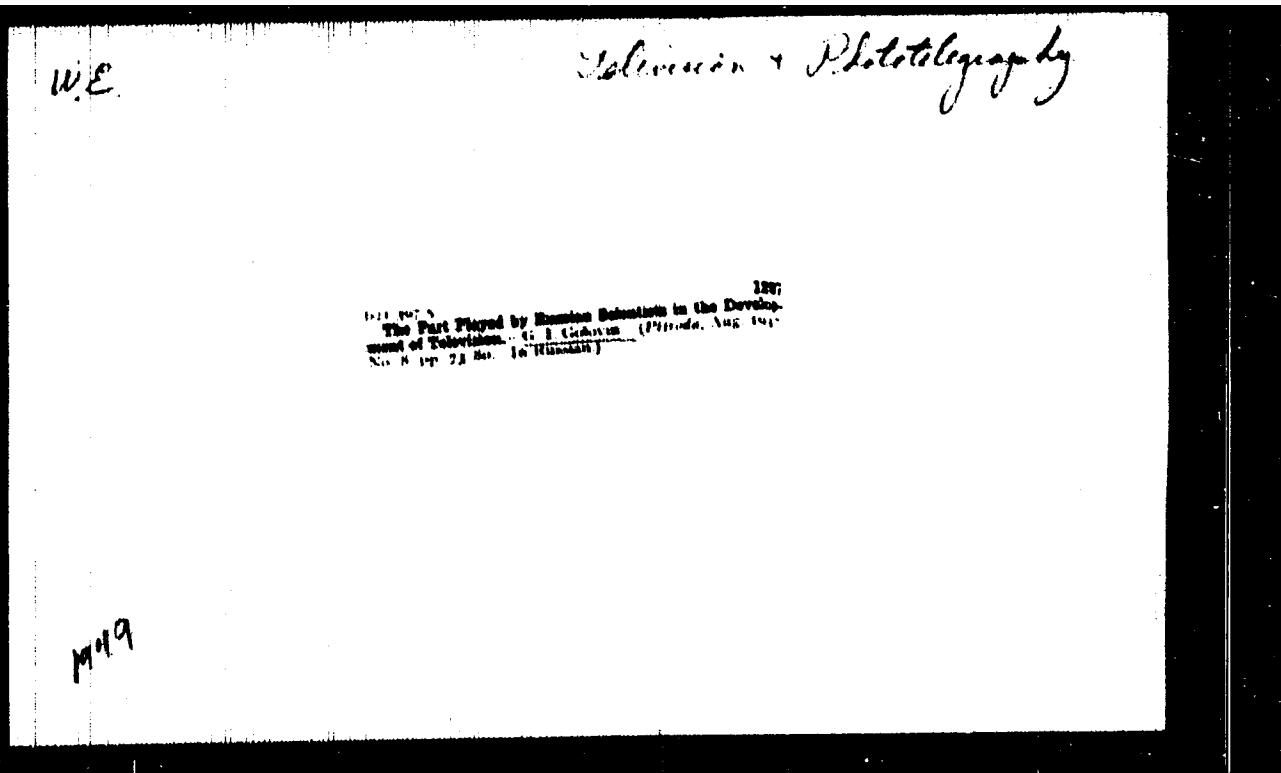
A.S. Popov, izobretatel' radio: zhizn' i deiatel'nost'. [A.S. Popov, the inventor of radio: his life and work]. K piatidesiatiletiiu izobreteniya radio. Pod red. I.G. Kiliatskina. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1945. 235 p. illus., ports. "Trudy Aleksandra Stepanovicha Popova": p. 235-[239].
DLC: TKG545.P6G6

Lenin i Stalin o radio. [Lenin and Stalin on radio]. Leningrad, Leningradskoe gazetno-zurnal'noe i knizhnoe izd-vo, 1947. 43 p. illus., facsimis.
DLC: DM254.D4G55

SO: Soviet Transportation and Communications, A bibliography, Library of Congress, Reference Department, Washington, 1952, Unclassified.

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515820001-9



APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515820001-9"

GOLOVIN, G.I.; MINSKTEYN, S.L.

P.M.Golubitskii, a Russian innovator in telephony. Vest.sviazi
7 no.10:24--3 of cover 0 '47. (MIRA 9:1)
(Golubitskii, Pavel Mikhailovich, 1845-1911)

GOLOVIN, G.I.

Razvitiye v Rossii otnovremennoego telefonirovaniia i telegrafirovaniia. [The development of simultaneous telephoning and telegraphing in Russia]. (Vestnik sviazi. Elektrosviaz', 1948, no. 4, p. 23-24, illus.). DLC: TK4.V45

SC: Soviet Transportation and Communications, A Bibliography, Library of Congress, Reference Department, Washington, 1952, Unclassified.

GOLOVIN, G.

PA 4/49T1

REVIEW OF BOOKS ON THE DEVELOPMENT OF RADIO IN THE USSR

May 46

Budapest

"Review on 'Development of the World's Ether,' by I. Klimenko," Prof. S. Kryandekly, G. Golovin, 1st p

"Radio" No 3

This 30-page booklet, published in 1947, is brief history of the development of radio in the USSR. Gives some points in a radio's life. Critics state that Klimenko did not acquaint himself with the correct facts, resulting in the book falling far short of expectations.

4/49T1

GOLOVIN, G.I.

Russkie izobretateli v telefonii. [Russian inventors in telephony]. Pod red.
D.S. Pasnentseva. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1949.
87 p. illus., parts; DDC: TK6141.G66

SO: Soviet Transportation and Communications, A bibliography, Library of Congress,
Reference Department, Washington, 1952, Unclassified.

GOLOVIN, G.

Our country is the birthplace of the radio. Voen. znan. 25 no. 5:4-5
My '49. (Radio) (Inventors) (MIRA 12:12)

GOLOVIN, G. I.

Vklad otechestvennykh uchenykh v sozdaniye provodnoi sviazi. [Contribution of our national scientists to the creation of wire communications]. Stenogramma publichnoi lektseii, prochitannoi v Rige. Moskva [Pravda] 1951. 22p.
DLC: TK5241.G6

SD: SOVIET TRANSPORTATION AND COMMUNICATIONS, A BIBLIOGRAPHY, Library of Congress Reference Department, Washington, 1952, Unclassified.

GOLOVIN, G.

PA 189T99

"Operating Experience in the Radiofication of Latvian Folkholes," G. Golovin

"Radio" No 2, p 15

Costs of wire broadcasting in Latvia were reduced by placing radio equipment in same building with telephone exchange so one man could maintain both. Small radio centers having powers up to 1,000 w have been moved into telephone exchanges in Riga, Ventspils, and Ogra. Previously, operator's wages

GOLOVIN, G.

188T102

USSR/Radio - Exhibitions

Mar 51

"Large Exhibition of Radio Amateur Talent," G.
Golovin

"Radio" No 3, p 11

More than 60 of the best radio amateur designers in Latvia participated in this Lat republic radio exhibition. Of the 70 exhibits shown, 27 were broadcast receivers. Other interesting exhibits were an original heterodyne wavemeter and an instrument for evaluating noises in the operation of various motors. Over 3,000 people attended the exhibit.

188T102

SOV/107-58-10-21/55

AUTHOR: Golubin, G. President of the Council of the Riga Radio Club
of the DOSAAF

TITLE: A Meeting in the Riga Radio Club (Vstrecha v rizhskom radio-
klube)

PERIODICAL: Radio, 1958, Nr 10, p 16 (USSR)

ABSTRACT: The author says that an interesting meeting took place in
the Riga Radio Club of the DOSAAF. Amateur radio designers
in the spheres of sound-recording and television were given
a lecture by F.G. Portnov, Candidate of Medical Sciences
and participant in the 15th All-Union Radio Exhibition,
on his work in the field of medical treatment using ionized
air. He was in charge of a special laboratory, founded in
the Bulduri Sanatorium on the coast of Riga by the Institute
of Medicine of the Academy of Sciences of the Latvian SSR,
for the purpose of studying the beneficial effect of the
local climate on patients suffering from high blood-pressure.
Various instruments were used as generators of ions, includ-
ing some designed by Mr. Portnov himself. In October of last
year M. Yeygeles, a Rumanian engineer, visited the Aero-
ionotherapeutic laboratory in Bulduri, and familiarized him-

Card 1/2

A Meeting in the Riga Radio Club

SOV/107-58-10-21/55

self with Portnov's scientific research. He also passed on his own ideas about creating a "Guided Aerosols" instrument, by means of which minute particles of atomized medicinal substances in the air can be directed into any region of the respiratory system. This idea came to him during the course of a cure at the Rumanian spa town of Kelimeneshti. At the beginning of this year Portnov came to Kelimeneshti to take part in tests of the new "Guided Aerosols" instrument, designed by M. Yeygeles and his two doctor colleagues G. Ursu and T. Dordea. Tests were successfully carried out on animals, and finally Portnov and Yeygeles produced two completely new pieces of equipment - a pneumatic hydroionizer for group therapy and an aerosol-ionizer for individual therapy. A description of both is given. Finally, the author says that the research work described above has only just begun.

Card 2/2

AUTHOR: Golovin, G., Chief of the Exhibition; Matlin, S., Secretary SOV/4-58-11-12/31

TITLE: The People's Laboratory (Narodna, laboratoriya)

PERIODICAL: Znaniye - sila, 1958, Nr 11, p 18 (USSR)

ABSTRACT: Since 1935, fifteen All-Union radio exhibitions have been organized in the USSR. By a resolution of the TSK DOSAAF, the last one, the 15th All-Union Radio Exhibition, took place in August 1958 in Riga. It contained 400 exhibits from 50 Soviet cities and the greater part of them proved that the radio amateurs have developed their technical skill and ability to solve the complicated problems of modern radio-engineering and electronics. The number of designs using semiconductor devices exceeded by 5 times the number of similar devices at the preceding exhibition. There is 1 photo.

ASSOCIATION: Vsesoyuznaya radiovystavka (All-Union Radio Exhibition)

Card 1/1

GOLOVIN, Grigory Ivanovich; CHERNIYAK, I.S., dots., red.; VASIL'YEV,
Tu.A., red. imd-va; BELOGUROVA, I.A., tekhn. red.

[The role and place of a scientific and technical library in
information work] Rol' i mesto nauchno-tehnicheskoi biblioteki
v informatsionnoi rabote. Leningrad, 1961. 20 p.

(Scientific libraries) (Technical libraries) (MIRA 15:5)

GOLOVIN, G.I.; PETRASH, V.V., starshiy nauchnyy sotrudnik

"The North American" testifies. Zvezda 37 no.4:33 Ap '62.
(MIRA 15:4)

1. Chlen istoricheskoy sektsii Leningradskogo pravleniya nauchno-
tekhnicheskogo obshchestva radiotekhniki i elektrosvyazi imeni
A.S. Popova (for Golovin). 2. Tsentral'nyy gosudarstvennyy
arkhiv Vojenno-morskogo flota SSSR (for Petrash).
(Radio)

Translation from: Referativnyy zhurnal, Geografiya, 1957, Nr 12,
p 4 (USSR) SOV/14-57-12-25298

AUTHOR: Golovin, G. M.

TITLE: A New Scientific and Applied Agricultural Center in
the Mordovian ASSR (Novyy nauchno-prakticheskiy tsentr
v Mordovskoy ASSR)

PERIODICAL: Zap. N.-i. in-t yazyka, lit., istorii i ekon. Mord.
ASSR, 1956, Nr 8 (1), pp 143-150

ABSTRACT: The Twentieth Session of the Communist Party of the
Soviet Union passed a decree calling for a fundamental
improvement in the work of those scientific insti-
tutions which are charged with the practical develop-
ment of agriculture. The State Agricultural Experi-
mental Station organized in the Mordovian ASSR has
been preparing soil maps and agrotechnical maps, de-
termining lime and fertilizer needs for the soil,

Card 1/2

A New Scientific and Applied Agricultural Center (Cont.) SOV/14-57-12-25298

popularizing agriculture, and acquainting specialists with latest advancements in agricultural techniques. The author outlines the goals which the stations should set for themselves in the various departments of agriculture.

Card 2/2

D. Ye.

Golovin G.M.

~~GOLOVIN, G.M.; MOLOSHNIKOV, I.I.; ZHURAVLEV, S.V., kolkhoznik.~~

From wretchedness to well-being. Mauka i pered. op. v sel'khoz. ?
no.11:50-54 N '57.
(MLRA 10:11)

1. Predsedatel' kolkhoza "Rossiya" Beresovskogo rayona, Voronezhskoy oblasti (for Golovin). 2. Predsedatel' Novo-Zhivotinnogo sel'soveta, kolkhoz "Rossiya", Beresovskogo rayona, Voronezhskoy oblasti (for Moloshnikov).

(Agriculture)

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515820001-9

ANAN'IN, S. G. GOLDWIN, G. M. MELAO, V. V. FEDOTENOK, A. A.

"Review of Metal-Cutting Machine Tools" Stanki i Instrument, 12, No. 4, 1941

[redacted] Report U-1503, 4 Oct. 1951

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515820001-9"

GOLOVIN, G.M.

PHASE I

TREASURE ISLAND BIBLIOGRAPHICAL REPORT AID 733 - I

BOOK

Authors: GOLOVIN, G. M. and PESHKOV, Y.E. O.

Full Title: SPECIAL MACHINE TOOLS FOR PRECISION WORK

Transliterated Title: Spetsial'nyye stanki v priborostroyenii

PUBLISHING DATA

Originating Agency: None

Publishing House: State Scientific and Technical Publishing House
of Literature on Machine-Building and Ship-
building (MASHGIZ)

Date: 1952 No. pp.: 246 No. of copies: 10,000

Editorial Staff: Malov, A. N., Kand. of Tech. Sci. - editor
Neklyudov, G. I., Eng. and Zhardzin, E. P.,
Eng. - Appraisers

PURPOSE: This book was written specifically to meet the educational
program requirements in technical schools of the Ministry of
Machine-Building and Instrument Designing and was approved for
use as a textbook by students in tekhnikums.

TEXT DATA

Coverage: This book is devoted to minute description of Soviet
precision type machine tools used for manufacturing of watches,
gages, meters, etc. Lathes, lathe-boring machines, turret
lathes and automatic bar machines are described. The drilling
machines, semi-automatic and thread-cutting machines, milling
and gear-cutting machines and grinding and buffing machines

1/2

Spetsial'nyye stanki v priborostroyenii

AID 733 - I

are equally well presented. Concise basic information on regular equipment of metalworking shops where various metal products undergo preparatory treatment by wire-drawing machines, by cutting and calibrating machines is also given. The equipment for processing metals by pressure, presses and the coordinating boring machines are outlined briefly. The installation of the machinery, its placement in the shops, the care of the machinery, its cooling and oiling, and the small tools are also described. In the appendixes are given data and drawings of some major component parts of the machines described in the book, along a few additional tables and some mathematical formulae.

No. of References: None

Facilities: As mentioned above.

2/2

GOLOVIN, G.M.

The Committee on Stalin Prizes (of the Council of Ministers USSR) in the fields of science and invention announces that the following scientific works, popular scientific books, and textbooks have been submitted for competition for Stalin Prizes for the years 1952 and 1953. (Sovetskaya Kul'tura, Moscow, No. 22-40, 20 Feb - 3 Apr 1954)

<u>Name</u>	<u>Title of Work</u>	<u>Nominated by</u>
Zurkov, P.E.	"The Working of Iron Ores	Magnitogorsk Mining Metal-
Pojo, S.I.	by the Open Pit Method"	urgical Institute imeni
<u>Golovin, G.M.</u>		G.I. Nosov
Karpov, A.F.		
Nikol'skiy, N.A.		
Shitov, I.S.		
Bulychev, V.V.		
Ogiyevskiy, V.M.		
Treyvus, M.M.		
Shtremt, A.A.		
Trofimov, G.V.		
Pushkarev, G.I.		
Markman, N.Ye.		
Tikhovidov, I.I.		

BO: W-3060b, 7 July 1954

GOLOVIN, G. M.

BULYCHEV, V.V.; GOLOVIN, G.M.; TURNOV, P.B.; KARPOV, A.P.; NI-
KON'SHIT, N.N.; OGURTSOVSKIY, V.M.; POPOV, S.I.; TRIVUS, M.N.;
SEKTOV, I.S.; SEMENOV, A.A.; TURNOV, P.B., kandidat tekhnicheskikh
nauk, redaktor; KOMPANEYETS, V.P., kandidat tekhnicheskikh
nauk, retsenzent; VAGANOV, P.V., kandidat tekhnicheskikh nauk,
retsenzent; IKHOMIEV, A.N., kandidat tekhnicheskikh nauk,
retsenzent; SAUKHAT, I.G., kandidat tekhnicheskikh nauk, retsen-
zent; NIEGOLAYEV, S.I., retsenzent.

[Mining iron ore by the opencast method] Razrabotka zheleznykh
rud otkritym sposobom. Pod. cheshechel red. P.B.Zurkova. Sverdlovsk.
Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallur-
gi. 1953. 632 p.
(Iron mines and mining)

BAKIMOV, G.P.; BONIY, B.V.; BOVIY, O.B.; BORISOV, A.A.; BORISOV, D.F.;
VAYPOKIN, A.F.; GALAYEV, N.Z.; GOLOVIN, G.M.; GORODETSKIY, P.I.;
DUBRAVA, T.S.; ZOLOTAREV, N.D.; KAZAKOVSKIY, D.A.; KELL', L.N.;
KOMAROV, V.B.; MAKHNO, Ye.Ia.; MISNIK, Yu.M.; MUSTAL', P.I.;
PISKUNOV, I.N.; SEDNEVSKIY, V.N.; KHANUKAYEV, A.N.; SHABLYGIN, A.I.;
POPOV, V.M.

Aleksandr Mikhailovich Alianskii; an obituary. Gor. zhur. no.2:
76-77 '58. (MIRA 11:3)
(Alianskii, Aleksandr Mikhailovich, d. 1957)

GOLOVIN, G.M., detsent; MISNIK, Yu.M., kand. tekhn. nauk

Mining in hard rocks subject to methane emission. Nauch. dokl. vys. shkoly; gor. dele no.1:67-74 '59. (MIRA 12:5)

1. Predstavlena kafedroy burevstrynykh rabot Leningradskogo gornogo instituta imeni G.V. Plekhanova.
(Mining engineering) (Mine gases)

18

SOV/127-59-4-15/27

AUTHOR: Golovin, G.M., Docent, and Misnik, Yu.M., Candidate
of Technical Sciences

TITLE: Foreign Experience in Drifting Galleries Under
Conditions of Escaping Methane. (Iz inostrannogo
opyta prokhodki vyrabotok v usloviyakh vydeleniya
metana.)

PERIODICAL: Gornyy zhurnal, 1959, Nr 4, pp 61-62 (USSR)

ABSTRACT: The Mining Scientific Research Institute (GNII) in
Radvanice (Czechoslovakia) developed a method of
drifting galleries where emanations of methane
could endanger the workers' life. The method con-
sisted in putting special water-filled stemmings
in the blast holes over the explosive charges
and hanging plastic balloons filled with 20-30
liters of water. One patron-igniter was placed in
each balloon, and it was exploded 1/2 second be-
fore the main explosion in such a way that the
water dust curtain and the water from the stemming

Card 1/2

SOV/127-59-4-15/27

Foreign Experience in Drifting Galleries Under Conditions of
Escaping Methane.

sharply lowered the methane concentration and at
the same time cooled the blasted ore. There
are 2 diagrams and 2 Czech references.

ASSOCIATION: Leningradskiy gornyy institut. (The Leningrad
Mining Institute)

Card 2/2

GOLOVIN, G.M., zasluzhennyj agronom RIFSR, red.; KISELEV, I.Ya., red.;
~~SELEZHENKOV~~, V.I., red.; PASHIN, I., red.; POPOVA, M., tekhn.red.

[Advanced practices of growing corn in Mordovia] Peredovoi
opyt vvedelyaniia kultury v Mordovii; sbornik statei. Saransk,
Mordovskoe knishnoe izd-vo, 1960. 134 p.

(MIRA 14:3)

1. Direktor Mordovskoy sel'skokhozyaystvennoy optychnoy stantsii
(for Golovin).
(Mordovia--Corn (Maize))

MÜSTEL', P.I.; INYAD'KIN, Yu.D.; BOKIY, B.V.; KELL', L.N.; KOMAROV, V.B.;
SIMEVSKII, V.N.; BORISOV, D.F.; GOLOVIN, G.M.; USEVICH, I.V.;
ENGRAVA, T.S.; SHABLYGIN, A.I.; ZOLTOLAREV, N.D.; GALAYEV, N.Z.;
SIGACHEV, A.Ye.; PANENKOV, Yu.I.; SENUK, D.P.; KOPYLOVA, Ye.V.

Pavel Ivanovich Gorodetskii; an obituary. Gor zhur. no.5:77 My '60.
(MIRA 14:3)
(Gorodetskii, Pavel Ivanovich, 1902-1950)

GOLOVIN, G.M., kand.tekhn.nauk; MISHIK, Yu.M., kand.tekhn.nauk

"Blasting work in the mining industry; reference manual" by
L. I. Baron and others. Gor. zhur. no.3:80 Mr '61. (MIRA 14:3)

1. Leningradskiy gornyy institut.
(Blasting)
(Baron, L. I.)

GOLOVIN, G.M., kand.tekhn.nauk; PAVUKOV, V.A., inzh.

Determining the optimum feeding forces of rock drills.
Gor. sibuz. no.6:70-71 Je '62. (MIRA 15:11)

1. Leningradskiy gornyy Institut.
(Rock drills)

SUKHANOV, Afanasiy Filimonovich, prof., doktor tekhn.nauk, red.;
MAZAREV, Petr Petrovich; KUTUZOV, Boris Nikolayevich;
NEVSKIY, Vladimir Leonidovich; DMITRIYEV, Aleksey
Pavlovich; GOLOVIN, Grigoriy Mikhaylovich; MISNIK,
Yuriy Mikhaylovich; KHANULAYEV, Aleksandr Nisanovich;
KOROLEVA, T.I., red.izd-vn; SHKLYAR, S.Ya., tekhn. red.

[Boring and blasting operations] Burovaryvnye raboty. [By]
A.P.Sukhanov i dr. Moskva, Gosgortekhizdat, 1962. 242 p.
(Boring) (Blasting) (MIRA 16:9)

GOLOVIN, G.M., kand. tekhn. nauk; BOHOVIKOV, V.A., inzh.; KARPUNOV, Ye.G.,
inzh.; GRINBERG, I.N., inzh.

Investigating the efficient delay interspaces in short-delay
blasting. Vzryv. delo no.57/14:185-190 '65. (MIRA 18:11)

1. Leningradskiy gornyy institut.

GOLOVIN, G. N.

Golovin, G. N., Study of the diurnal variation of water temperature, and air temperature and humidity on the open sea, Tr. N.-i in-ta aeroklimatol. (Works of the Scientific Research Institute of Aeroclimatology), No 1, 1957, p 163-185; (RZhGeofiz 6/58-4063)

GOLOVIN, G. N.; CHEREPANOVA, N. G.

Life and scientific activity of A.A. Iachevskii. Rev biol
S no. 1: 5-12 '63.

1. Institut Gotaniki, Akademii nauk SSSR, Leningrad.

GOLOVIN, G.V., kandidat meditsinskikh nauk; PYTEL', A.Ya., professor, direktor.

Danilin's reaction and its significance in the diagnosis of surgical diseases. Khirurgiia no.5:71-74 My '53. (MLRA 6:7)

1. Fakultetskaya khirurgicheskaya klinika Stalingradskogo meditsinskogo instituta. (Blood--Coagulation)

A detailed discussion of Danilin reaction, i.e., the 3d fraction of blood coagulation. A modified version of this test simplifies the procedure. It allows a simultaneous detn of the sedimentation rate and volume of the 2d and 3d fractions. This test has been found more sensitive than the ESR (Erythrocyte Sed Rate) and, in combination with standard lab tests, allows an early diagnosis of postoperative complications, such as infiltrations, purulent processes, lobar complications, etc.

261T51

GOLOVIN, G. V.

New modification of Danilin's reaction. Klin. med., Moskva 31 no.2:
53-56 Feb 1953.
(CLML 24:3)

1. Candidate Medical Sciences. 2. Of the Faculty Surgical Clinic,
Stalingrad Medical Institute.

GOLOVIN, G.V.

GOLOVIN, G.V., kandidat meditsinskikh nauk
Leningradskogo instituta perelivaniya krovi

Problem of accelerating the healing of fractures. Ortop.travm.
i protez. no.3:70 My-Je '55. (MLRA 8:10)

1. Iz khirurgicheskoy kliniki (zav.chlen-korrespondent AMN SSSR,
prof. A.N.Wilator) Leningradskogo instituta perelivaniya krovi.
(**FRACTURES, therapy,**
sarother.)
(**SAROTHERAPY, in various diseases,**
fract.)

GOLOVIN, G.V.

GOLOVIN, G.V., kandidat meditsinskikh nauk

(Candidate of medical sciences)

Acoustic method of diagnosing the interposition of soft tissue
in fractures. Ortop, travm. i protez. no.4:53-54 J1-Ag '55
(MLRA 8:10)

1. Iz khirurgicheskoy kliniki (zav.-chlen-korrespondent AMN
SSSR, prof. A.N. Filatov) Leningradskogo ordena Trudovogo
Krasnogo Znameni nauchno-issledovatel'skogo instituta pereli-
vaniya krvi (dir.-dottsent A.D. Belyakov)

(REACTURES, diagnosis,

acoustic method of diag. of interposition of soft
tissue)

GOLOVIN, G.V., starshiy nauchnyy sotrudnik

First trial of biological osteosynthesis. Akt.vop.perel.krovi. no.4;
190-132 '55.
(MIRA 13:1)

1. Khirurgicheskaya klinika Leningradskogo instituta perelivaniya
krovi (nauchnyy rukovoditel' - chlen-korrespondent AMN SSSR, prof.
A.N. Pilatov).

(FRACTURES) (TRANSPLANTATION OF ORGANS, TISSUES, ETC.)

GLOVIN, G.V.

FILATOV, A.N., professor; GLOVIN, G.V.

Thirty-fourth plenum of the academic council of the Central Institute
of Hematology and Blood Transfusion, May 23-28, 1955. Vest. khir.
76 no.11:157-166 '55. (MLRA 9:4)

(BLOOD PLASMA SUBSTITUTES) (BURNS AND SCALDS)

EXCEPTEA MEDICA Sec.9 Vol.11/9 Surgery Sept 1957

4520. (936) (POLCHIN G. V. Surg. Clin., Inst. of Blood Transf., Leningrad. *A method of treating burns by fibrin films (Russian text) VESTN. KHLR. 1956, 2 (76-80)

The method of treating burns by means of sterile fibrin films made of animal blood, as suggested by Filatov (Leningrad), has been used since 1949. The films are available in a special packing with sulphanilamides and antibiotics. The film is perforated. The delicate bactericide film possessing plastic properties protects the burnt surface from secondary contamination and traumatism, takes away pain and redness and lowers the loss of plasma. The burnt surface is treated with benzine, with alcohol (spiritus viniviti) or 0.2% solution of liquid ammonia, the blisters are incised and the exfoliated epidermis is removed. The lesion is soaked with penicillin solution and then covered by 2 layers of fibrin film. The film may be glued along the edges by means of zinc-gelatin paste. The patient is laid down on a sterile sheet and placed under a box with electric lamps. This treatment is simple and gives good results in the shortest time. Dikno - Krasnojarsk

USSR / General Biology. Individual Development.
Transplantation and Sympathies.

B

Abs Jour : Ref Zhur - Biologiya, No 4, 1959, No. 14405

Author : Golovin, G. V.

Inst : Not given

Title : Using Osseous Homotransplants Preserved in the
Cold for Osteosynthesis

Orig Pub : Ortopediya, travmatol. i protezir., 1956,
No 6, 121-122

Abstract : The optimal time and temperature required for
the preservation of bone were determined. It
was found that after a month the antigenesis
of preserved osseous homotransplants is con-
siderably reduced at the usual low temperature.
Osseous pivots became then most durable and
resorption-resistant. After 6 months the

Card 1/2

38

GOLOVIN, O.V., kandidat meditsinskikh nauk

Ukrainian congress on blood transfusion held in Karkov, November
28 - December 1, 1955. Vest.khir. 77 no.3:136-142 Mr '56.
(BLOOD--TRANSFUSION) (MLRA 9:7)

GOLOVIN, G.V., kandidat meditsinskikh nauk

Technic of intramedullary osteosynthesis of the femoral bone with
osseous tubular grafts. Vest.khir. 77 no.6:125-129 Je '56. (MIRA 9:8)

1. Is khirurgicheskoy kliniki (sav.-prof. A.N.Pilatov) Leningradskogo
ordena Trudovogo Krasnogo Znameni (nauchno-issledovatel'skogo insti-
tuta perelivaniya krovi. Leningrad, 2-ya Sovetskaya ul., d. 16,
Institut perelivaniya krovi.

(FEMUR, fractures,

surg., intramedullary fixation with tubular bone grafts
(BONE TISSUE, transplantation,

in femoral fract., intramedullary fixation with tubular
grafts (Bones))

(FRACTURES,

femur, intramedullary fixation with tubular bone grafts
(TRANSPLANTATION,

bone tubular grafts in intramedullary fixation of
femoral fract. (Bones))

GOLOVIN, G. V.

Bone Homoplasty (Review of literature from the Soviet and non-Soviet press), by G. V. Golovin, Candidate of Medical Sciences, Surgical Clinic (head, Prof A. N. Filatov), Leningrad Order of Red Banner of Labor Scientific Research Institute for Blood Transfusion, Vestnik Khirurgii imeni Grekova, Vol 77, No 9, Sep 56, pp 100-113

The author gives a critical review and analysis of the specific literature on bone homotransplantation. Some of the special topics are "Problems of Preservation and Clinical Use of Bone of Homologous Tissues," "The Possibility of Controlling the Processes of Regeneration," "Questions of Organization," and "Further Methods for the Development of Bone Homoplasty."

Attention is called to the Leningrad Institute for Blood Transfusion in its successful endeavors to prepare and preserve of bone and other tissues. Bone preserved according to a described method under favorable bacteriological conditions may be used after 1-6 months.

An outline is given to improve the present status of experimental and clinical work in the field on bone homoplasty in connection with donors and recipients.

SUM.1374

GOLOVIN, G. V.

Accelerating the Consolidation of Fractured Bones After Fractures (Experimental Investigation), by G. V. Golovin, Candidate of Medical Sciences, Surgical Clinic, (head, Prof A. N. Filatov), Leningrad Order of Labor Red Banner Scientific Research Institute for Blood Transfusion, Vestnik Khirurgii, Vol 77, No 10, Oct 56, pp 125-133

The idea of hastening the healing of wounds by the addition of a dry blood preparation and the cementing of soft tissue and of blood vessels originated at the Leningrad Institute for Blood Transfusion and was reported to Prof A. N. Filatov, Corresponding Member of the Academy of Medical Sciences USSR. The author modified the idea and applied it to bone consolidation. The formula for "osteoplast" is quite complicated and as yet has not been reported in literature.

The author concludes that the bone cementing mass, "osteoplast," possesses high adhesive activity and has a great amount of strength. "Osteoplast" used on an experimental scale in animals produces good results and has no negative effects on bone fractures during their consolidation.

The introduction of "osteoplast" into medical practice serves as a new method for bone consolidation after their fracture and the author recommends its use.

SUM. 1360

GOLOVIN, G.V., kandidat meditsinskikh nauk

Session devoted to the 50th anniversary of the Leningrad Scientific
Research Institute of Traumatology and Orthopedics. Vest.khir. 77
no.10:148-154 o '56.
(ORTHOPEDIA) (MIRA 9:12)

GLOVIN, G.V.

"Treatment of Burns Under Dispensary Conditions,"
by A. I. Drevina, Nedviz, 1956, 104 pp, reviewed by G. V. Golovin, Candidate of Medical Sciences, Vestnik Khirurgii imeni Grekova, Vol 77, No 11, Nov 56, pp 151-152

This book, dealing with the treatment of burn patients in the outpatients' department, is based on 4 years' work and is a comprehensive guide to the present-day questions of practicing physicians and researchers engaged in this field.

It starts with an introduction by Prof. F. G. Uglov, and its four chapters include "Characteristics of Burns," giving causes and classifications; "Clinical Management of Burns"; "Therapy of Burns" (of first, second, and third degree); and "Course and Outcome of Burns."

The book is summarized in 3 pages. (U)

SUM. 1874

USSR/General Problems of Pathology. Transplantation of
Tissues, and Tissue Therapy.

U-2

Abs Jourr : Ref Zhur- Biol., No 20, 1958, No 93834

Author : Golovin, G. V.

Inst : Not given

Title : The Stimulatory Effect of Serum F on the Healing of Bone
Fractures.

Orig Pub : V sb.: Aktual. vopr. peraliv. krovi. Vyp. 5., L., 1957,
285-290.

Abstract : Serum F (A.K. Filatov) is a preparation of human blood made
according to V. P. Filatov's method of tissue preparations.
2-10 ml of this preparation with novocain and penicillin
were introduced into the area of the bone fracture of 165 pa-
tients (age range 18 to 35 years), and reposition of the
fragments was accomplished. Later, the patients received

Card 1/2

8

• "DLOVIZN, GIV.

19. On the Prostheses of Neck of Femur by Homologous Bone Grafts Obtained From
Refrigerated Long Bones of Cadavers

"Concerning the Method of Pinning the Neck of the Femur by
Tubular Homologous Bone Grafts Preserved by Refrigeration,"
by G. V. Golovin, Candidate of Medical Sciences, Surgical
Clinic (head, Prof A. N. Filatov), Leningrad Order of Red
Banner of Labor Scientific Research Institute of Blood Trans-
fusion, Vestnik Khirurgii imeni I. I. Grekova, Vol 78, No 4,
Apr 57, pp 116-123

The author presents technical procedures which significantly facil-
itate surgical intervention and make it possible to bring about rigid
prostheses of the neck of the femur by stable tubular grafts.

A short review is given of the work of Smith-Peterson, Tavernier, and others. Sketches illustrate the method of inserting the bony pin into the head of the femur. A formula derives the length and diameter of the pin made from tibia and fibula and inserted through the hole joining the shaft and the head of femur.

The author is optimistic and thinks that this method will not be limited to the neck of the femur, but will be applied to other parts of the skeleton. (U)

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CIA-RDP86-00513R000515820001-9

GOLOVIN, G. V.

SIPOVSKIV, P.V., professor; GOLOVIN, G.V. kandidat meditsinskikh nauk
(Leningrad)

Conference in Sverdlovsk dedicated to problems of treating disabled
World War II veterans and using metals in surgical practice. Vest.
khir. 78 no.6:145-150 Je '57.
(VETERANS, DISABLED--REHABILITATION)
(OPHTHALMOLOGY)

(MLR4 10:8)

APPROVED FOR RELEASE: 09/24/2001

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